

20000402.qrp v01_n779.qrl.20000402

Date: Sun, 2 Apr 2000 19:03:03 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1779

QRP-L Digest 1779

Topics covered in this issue include:

- 1) [67029] Help with HP 410B
by Richard Sherman <srichard@aldus.northnet.org>
- 2) [67030] DaTong FL-3
by "David Snowdon" <norway@interlog.com>
- 3) [67031] Attenuators are gone
by Mike Czuhajewski <wa8mcq@erols.com>
- 4) [67032] ARCI Sponsored Contests
by Randy Foltz <rfoltz@turbonet.com>
- 5) [67033] low power hf amplifier
by "Mark Paley" <mpaley@wcnet.org>
- 6) [67034] Re: [67028] Re: PW-1 Antenna
by Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
- 7) [67035] EA RTTY test with mW QRPp
by Jim Hale <kj5tf@yahoo.com>
- 8) [67036] Dayton Hamvention
by Hank Kohl K8DD <k8dd@arrl.net>
- 9) [67037] RE: Kenwood PS30 Power Supply info
by "Prof. Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
- 10) [67038] Re: PW-1 Antenna
by "William K. Harding" <k4ahk@ix.netcom.com>
- 11) [67039] ne602 oscillator
by Fran Flynn <fflynn@together.net>
- 12) [67040] British rig?
by tailfeathers@juno.com
- 13) [67041] ANT: PW-1
by "Alyn Backe" <ve6bpr@cnnet.com>
- 14) [67042] Re: New Quark Based Devices Promises Lower Noise Receivers (long)
by S LYON <sslyon@worldnet.att.net>
- 15) [67043] Re: ANT: PW-1
by Al Patrick <arp@inet4u.com>
- 16) [67044] Re: [67028] Re: PW-1 Antenna
by Barry J Minsky <w2bj@juno.com>
- 17) [67045] RE: LDG QRP tuner
by Michael Melland <badger@vbe.com>
- 18) [67046] qrp-l commands
by "Dick Schneider" <dschneider2@uswest.net>
- 19) [67047] Re: qrp-l commands

- by GElam30092@aol.com
- 20) [67048] RE: VFO Drift
by Larry East <w1hue@amsat.org>
- 21) [67049] Schurr Portable Wabblers and Einbau
by DYARNES@aol.com
- 22) [67050] BiWeekly Reminder -- Re: qrp-l commands
by "Paul R. Valko" <prvalko@oakland.edu>
- 23) [67051] Accurate RF Probe ?
by Gary Newberry <Gdn1@rocketmail.com>
- 24) [67052] Can you contribute a QRP project
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 25) [67053] Re: QRPTTF: 29APRIL, nothing else
by "Dave Benson" <nn1g@earthlink.net>
- 26) [67054] Re: VFO Drift
by "John J. McDonough" <wb8rcr@arrl.net>
- 27) [67055] Re: Accurate RF Probe ?
by "Cla KA0GKC" <ka0gkc@arrl.net>
- 28) [67056] Re: Accurate RF Probe ?
by "Cla KA0GKC" <ka0gkc@arrl.net>
- 29) [67057] WTB: Kantronics/AMP Supply CW filter
by "Alan Fryer" <n3bj@hotmail.com>
- 30) [67058] Re: Accurate RF Probe ?
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 31) [67059] WTB: Fox Tango Newsletters
by "Dan Trigilio" <danjt@cruzio.com>
- 32) [67060] RE: FT Newsletters
by "Dan Trigilio" <danjt@cruzio.com>
- 33) [67061] RE: FT Newsletters.
by "Dan Trigilio" <danjt@cruzio.com>
- 34) [67062] Contest Logs
by "Alex" <aturner13@mindspring.com>
- 35) [67063] OPERATING: USS Kidd
by n5ib@juno.com
- 36) [67064] Re: Zombie Shuffle
by "Sam Stimson" <n5wu@worldnet.att.net>
- 37) [67065] The Eyeball QSO antenna tuner & other improvements
by nilsbull@juno.com
- 38) [67066] Re: QRPTTF: 29APRIL, nothing else
by Marty <N5NW@midsouth.rr.com>
- 39) [67067] July 28, 29 & 30 @ Ft. Tuthill
by jaywa5whn@juno.com
- 40) [67068] Re: The Eyeball QSO antenna tuner & other improvements
by "Mark M." <markem@primenet.com>
- 41) [67069] OPERATING: USS Kidd museum ship
by n5ib@juno.com
- 42) [67070] Keycaps & LED's
by Roger Hightower <n7kt@worldnet.att.net>
- 43) [67071] CQ Magazine errors/corrections

- by n4so@juno.com
- 44) [67072] Re: HW-9 vs DSW-40
by Rick McKee <kc8aon@juno.com>
- 45) [67073] Ref: Weird PSK Problems
by George F Franklin <w0av@juno.com>
- 46) [67074] Re: Help with Norcal 40A
by stan@cruzio.com
- 47) [67075] Ref: Message to WA8RPK, Weird PSK Problems
by George F Franklin <w0av@juno.com>
- 48) [67076] Need address for the 20ft Fishing Poles
by BenNW7DX@aol.com
- 49) [67077] Temperature Compensating the MFJ Cub
by Larry East <w1hue@amsat.org>
- 50) [67078] looking for HE-73
by af852@rgfn.epcc.edu (William R Colbert)
- 51) [67079] sf:Sierra and Omni-V
by scott howell <n3byy@speakeasy.org>
- 52) [67080] FS: Original NorCal 38s unbuilt
by Patrick Armstrong <aa7fg@gte.net>
- 53) [67081] NEED ANTENNA GOO REAUX HELP
by hamjoel@juno.com
- 54) [67082] Traveler's Guide to ARKIECON
by "Paul Harden, NA5N" <na5n@rt66.com>
- 55) [67083] Help with NC40 part?
by Patrick Armstrong <aa7fg@gte.net>

Date: Sat, 01 Apr 2000 18:58:12 -0500
From: Richard Sherman <srichard@aldus.northnet.org>
To: qrp-l@Lehigh.EDU
Subject: [67029] Help with HP 410B
Message-ID: <3.0.6.32.20000401185812.008f1b40@aldus.northnet.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

While I was checking the email today, the ham radio fairy dropped by and left a Hewlett Packard Model 410B Vacuum Tube Voltmeter, just inside the door. When I got up from the 'pooter and went into the other room, there it was. Honest. Anyway, I have a few questions about it. It has 4 cables coming out of it. One large coax type cable with an alligator clip which is only connected to the center conductor. Two black cables, one with a clip and one with a probe tip. And one red cable with a clip. What are all those cables for? And why does it have a red sticker on it that says, CAUTION Ground Case, in large, friendly letters? Now to plug it in and see if the smoke stays inside it.

Thanks in advance,
Rick WZ2T NNY FN24
Duane, NY Franklin County
srichard@northnet.org

Date: Sat, 1 Apr 2000 19:36:36 -0500
From: "David Snowdon" <norway@interlog.com>
To: <qrp-1@lehigh.edu>
Subject: [67030] DaTong FL-3
Message-ID: <005901bf9c3b\$832affa0\$580914d1@interlog.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

"James R. Duffey" <jamesd1@flash.net> writes:

.
.
.
infinitely adjustable and has excellent audio quality. The audio
amplifier is only capable of driving headphones though, so if you like
speaker audio an external amplifier and speaker are necessary. The Radio
Shack DSP is good for this purpose. :^)

.
.
.
This filter uses a LM380 AF power amp, and I can fill the room with
filtered audio from my various receivers. It's easy to see why one would
assume that it only has line-level output since the manufacturer used RCA
phono jacks for both the input and output.

I discovered this when I opened my unit to see how the auto-notch
circuit worked (it uses a ramp generator coupled to a MC4046 VCO,
which clocks a MF10 SCAF configured as a bandpass filter. The filtered
audio goes to a rectifier and peak-detector. When a constant tone is found,
a 4066 switch couples the output of the MF10 to the inverting input of an
op-amp. This removes the tone from the incoming audio signal).

David Snowdon, VA3DKS
norway@interlog.com

Date: Fri, 31 Mar 2000 19:35:20 -0500
From: Mike Czuhajewski <wa8mcq@erols.com>
To: QRP forum <qrp-l@lehigh.edu>
Cc: Mike Czuhajewski <wa8mcq@erols.com>
Subject: [67031] Attenuators are gone
Message-ID: <38E54448.3E5C@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

They were all spoken for within 23 minutes of my post.

--

73 and Queue Our Pea de WA8MCQ wa8mcq@erols.com

Date: Sat, 01 Apr 2000 16:38:34 -0800
From: Randy Foltz <rfoltz@turbonet.com>
To: qrp-l_post <qrp-l@lehigh.edu>
Subject: [67032] ARCI Sponsored Contests
Message-ID: <38E6968A.D3A25B9D@turbonet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Right you are, Paul, NA5N. ARCI is not the sponsoring organization for QRPTTF, QRP Afield, or BUBBA. It is a lot of work to determine the results from a contest and the proper folks should get credit for them.

The remaining QRP ARCI Sponsored contests for 2000 are

Spring QSO Party - April 8 1200Z to April 9 2400Z
Hootowl Sprint - May 28 8PM - midnight local time
Summer Homebrew Sprint - July 9 2000Z to 2400Z
Summer Daze SSB Sprint - Aug 9 2000Z to 2400Z
Fall QSO Party - Oct 21 1200Z to Oct 22 2400Z
Holiday Spirits Homebrew Sprint - Dec 3 2000Z to 2400Z

Details on QRP ARCI contests can be found at
<http://personal.palouse.net/rfoltz/arci/arcitst.htm>.

73,
Randy, K7TQ
QRP ARCI Contest Manager
Moscow, ID

Date: Sat, 1 Apr 2000 19:31:38 -0800
From: "Mark Paley" <mpaley@wcnet.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [67033] low power hf amplifier
Message-ID: <010a01bf9c53\$f510c9c0\$4eab85cd@mpaley>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I was just looking at a low power hf amplifier at this website:
www.communication-concepts.com/an7791.htm

Anyone here familiar with this device? Seems like it might need some sort of pad to knock down the input power. At any rate I'm toying with the idea of building one into an OHR 500 transceiver for use when five watts won't do it. If the amp's output of 20 watts won't do it then I can always turn off the radio and do some serious antenna work.

At any rate, anyone out there have any experience with an amp like this?
Inquiring minds need to know,
Mark Paley--KF8KL--

K2 #250
mpaley@wcnet.org
<http://www.wcnet.org/~mpaley>

Date: Sat, 1 Apr 2000 16:40:03 -0800 (PST)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
To: n0rc@qsl.net
Cc: w2bj@juno.com, qrp-1@Lehigh.EDU
Subject: [67034] Re: [67028] Re: PW-1 Antenna
Message-ID: <200004020040.QAA00551@netcom.com>

Another option would be a noise bridge. Much cheaper than an analyser, can be smaller, and is useful for that final bit of tuning up, without transmitting. TenTec has a little kit.

73, doug

Date: Sat, 1 Apr 2000 16:50:28 -0700
From: "Rod, N0RC" <n0rc@qsl.net>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks:

----- Original Message -----

From: Barry J Minsky <w2bj@juno.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Saturday, April 01, 2000 2:40 PM
Subject: Re: PW-1 Antenna

> Hi Dan,

...

> it while on vacation and had many good QSOs. The one thing you need
is

> some way of determining resonance. I have an MFJ antenna analyzer
which

> works well.

...

OR (as I did) you can use your ears and an SWR meter and/or WM-1/2.

I found that if you move the "top hat" section up and down the coil;
you can find a noise peak in your RX pretty fast. Then adjust up and
down one or two windings, each time check SWR with 1 or 2 watts. Slow
but it worked. Don't forget to mark the coil somehow for each band so
you can adjust it quickly, when you change bands.

I do like the MFJ method better, but mine is back at MFJ for
calibration.

A real sweet setup is the K2, KAT2, PW-1. I took my PW-1 to a friend's
house, he has his K2 KAT2 done. We set every thing up on my mark; that
got use 1.5-2:1. Then just punch the button on the KAT2--BOOMPH 1.1:1.

72/3 Rod, NØRC -- Fort Collins, CO

Date: Sat, 1 Apr 2000 16:51:16 -0800 (PST)

From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [67035] EA RTTY test with mW QRPp
Message-ID: <20000402005116.28792.qmail@web705.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Its been interesting exploring a new mode (for me)
RTTY this week. Last week I got started with psk31
useing my computers sound card. Then I found the same
exact hook up would get me into RTTY, so downloaded
that software.

Useing TrueTTY software, I turned my power down to
700mW and worked a long string of Euro DX. With afew
we went into a digital version of "QRP Limbo" and got
down to decent levels.

Like 31mW to VE7CC, and 30mW to AH6OZ.

The psk31 test starts april 14th... should be
interesting!

Gotta go and catch a little more DX b4 QRT.

GL de Jim KJ5TF
"All milliwatts, All the time"

=====
<http://www.madisoncounty.net/~kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Join/renew membership QRP Amateur Radio Club International
<http://www.qrparci.org/arcijoin.html>
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W
Private email kj5tf@madisoncounty.net

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Sat, 01 Apr 2000 19:59:26 -0500
From: Hank Kohl K8DD <k8dd@arrl.net>
To: qrp-l@lehigh.edu
Subject: [67036] Dayton Hamvention

Message-ID: <4.1.20000401195517.00c44290@192.0.0.6>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Dayton Hamvention is coming May 19, 20, 21 and the Famous FDIM is May 18.

Information on FDIM is at <http://www.qrparci.org>.

The Ramada Inn Dayton Mall (formerly called Days Inn Dayton South) is the home for the FDIM. It is the same location as last year - they just changed their name and refurbished all the rooms.

The list of who all has rooms is at <http://www.tir.com/~k8dd/dids.htm>
The people who are not confirmed on that list will be removed April 5, and the standby list folks will be moved up to rooms.

73 Hank K8DD

*/ Hank Kohl K8DD k8dd@arrl.net
*/ ARRL TS <http://www.tir.com/~k8dd>
*/ MI-QRP - Vice Pres. QRP-ARCI - Director
*/
*/ Did you know you can email money with PayPal.com?
*/ Check this out:
*/ <https://secure.paypal.com/refer/pal=k8dd%40arrl.net>

Date: Sat, 1 Apr 2000 21:02:58 -0500

From: "Prof. Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>

To: <qrp-L@LeHigh.edu>

Subject: [67037] RE: Kenwood PS30 Power Supply info

Message-ID: <004b01bf9c49\$e0b57fc0\$04000a0a@user>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi all !

Got a non-QRP intended, but useable to power QRP radios Kenwood
Power Supply Model PS30 at this Saturday Fleamarket of our radio club.
Need to know the real current rating of this power supply and any
tips about it too.

Thanks in advance for the help

Arnie Coro

C02KK

Date: Sat, 01 Apr 2000 21:08:16 -0500
From: "William K. Harding" <k4ahk@ix.netcom.com>
To: drcase@iastate.edu, Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [67038] Re: PW-1 Antenna
Message-ID: <200004020207.VAA04121@granger.mail.mindspring.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

As did Rod, I also purchased a PW-1 at Atlanticon. Today I set it up on my deck, clamped to a bench. My QTH is in Northern Virginia and the rig was a 20 meter Emtech at 4 watts. I tuned the coil with an Autec RF-1 analyzer. The first qso brought Coral Gables, FL. Later, I changed the setup to be mobile with a mag mount on the roof of the car. Although the band didn't sound particularly hot, the first mobile QSO was Green Bay, WI and the last was Milano, Italy. It works just fine. I found a nice padded case designed to hold tape cassettes that makes the antenna really easy to pack away in the trunk of the car.

Bill - K4AHK
Burke, VA - FM18

>From: Daniel R Case <drcase@iastate.edu>
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: PW-1 Antenna
>Date: Sat, Apr 1, 2000, 12:42 PM
>

>Greetings:
>
>I'm considering purchasing one of W6MMA's PW-1 Portable Antennas. It looks
>like a good antenna solution for apartment dwellers. Does anybody have any
>opinions or information on the performance of this antenna? Any comments
>or help would be greatly appreciated.
>
>73!
>Dan KB0JUL
>Ames, Iowa
>
>drcase@iastate.edu
>

Date: Sat, 01 Apr 2000 21:10:33 -0500
From: Fran Flynn <fflynn@together.net>
To: qrp-l Discussion <qrp-l@Lehigh.EDU>
Subject: [67039] ne602 oscillator
Message-ID: <38E6AC19.5549FEA3@together.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

In the Sierra, an external oscillator is used where the internal NE602 oscillator could have been used. I think the NE602's built in oscillator has stability problems compared to an external FET vfo.

>>If you look at the NE4040 or SWL SW+, you'll see that Dave used an external VFO, despite the fact these are very minimalistic and low current designs. You can be sure he did this for a very good reason, the internal osc of the NE602 just doesn't cut it....<<

Date: Sat, 1 Apr 2000 21:54:47 -0500
From: tailfeathers@juno.com
To: qrp-l@lehigh.edu
Subject: [67040] British rig?
Message-ID: <20000401.215450.-3871773.0.tailfeathers@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Anyone know if there is a US source for the C. M. Howe Communications products? They have a 3 or 4 band system that sounds interesting. While I'm asking are there any 2 or 3 band qrp rigs available in the US?. I guess I'm interested in a more basic rig with 2 or 3 bands. Maybe an S-meter but nothing as elaborate as a K2.

Thanks Gary

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Sat, 1 Apr 2000 20:19:57 -0700
From: "Alyn Backe" <ve6bpr@cnnnet.com>
To: <qrp-l@Lehigh.EDU>
Subject: [67041] ANT: PW-1
Message-ID: <00cd01bf9c52\$5305bec0\$6f06e5cf@laptop>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Greetings to all.
I'm looking for a website describing the PW-1 antenna.
Does anyone know of a web address with a description and maybe some photos?

Thanks,
AL, VA6CW...
(ex-ve6bpr)
Red Deer, AB.

Norcal
QRP-L #1144
QRP-C #23
Zombie #158

Date: Sat, 01 Apr 2000 20:31:50 -0500
From: S LYON <sslyon@worldnet.att.net>
To: jamesd1@flash.net, chat qrp <qrp-l@Lehigh.EDU>
Subject: [67042] Re: New Quark Based Devices Promises Lower Noise Receivers (long)
Message-ID: <38E6A306.2824E1AE@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Thanks for the update, James.. really enjoy dipping into that arena now
and then -even if most is over my head. This is a great group with a
broad wealth of info.

73
=s=

"James R. Duffey" wrote:

>

> I don t know how many people on the list are interested in esoteric

> device physics, but I just came back from the library where I ran across

--

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Sat, 01 Apr 2000 22:37:59 -0500
From: Al Patrick <arp@inet4u.com>
To: ve6bpr@cnnnet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [67043] Re: ANT: PW-1
Message-ID: <38E6C097.2E132E2C@inet4u.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Alyn,

<http://www.fix.net/~w6mma/pw1.htm>

=====

Alyn Backe wrote:

> Greetings to all.
> I'm looking for a website describing the PW-1 antenna.
> Does anyone know of a web address with a description and maybe some photos?
>
> Thanks,
> AL, VA6CW...
> (ex-ve6bpr)
> Red Deer, AB.
>
> Norcal
> QRP-L #1144
> QRP-C #23
> Zombie #158

--

"The Truth is Hate, to Those Who Hate the Truth"

Date: Sun, 2 Apr 2000 00:41:31 -0500
From: Barry J Minsky <w2bj@juno.com>
To: faunt@netcom.com
Cc: n0rc@qsl.net, w2bj@juno.com, qrp-1@Lehigh.EDU
Subject: [67044] Re: [67028] Re: PW-1 Antenna
Message-ID: <20000402.005252.-455055.0.w2bj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi Doug,
That is a very good idea, one that I did not think of.

On Sat, 1 Apr 2000 16:40:03 -0800 (PST) Doug Faunt N6TQS +1-510-655-8604
<faunt@netcom.com> writes:

> Another option would be a noise bridge. Much cheaper than an
> analyser, can be smaller, and is useful for that final bit of tuning
> up, without transmitting. TenTec has a little kit.

>
> 73, doug

>
> Date: Sat, 1 Apr 2000 16:50:28 -0700
> From: "Rod, N0RC" <n0rc@qsl.net>
> MIME-Version: 1.0
> Content-Type: text/plain;
> charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit

> Folks:

> ----- Original Message -----

> From: Barry J Minsky <w2bj@juno.com>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Sent: Saturday, April 01, 2000 2:40 PM
> Subject: Re: PW-1 Antenna

> > Hi Dan,

> ...

> > it while on vacation and had many good QSOs. The one thing you
> need

> is

> > some way of determining resonance. I have an MFJ antenna
> analyzer

> which
> > works well.
> ...
>
> OR (as I did) you can use your ears and an SWR meter and/or
> WM-1/2.
>
> I found that if you move the "top hat" section up and down the
> coil;
> you can find a noise peak in your RX pretty fast. Then adjust up
> and
> down one or two windings, each time check SWR with 1 or 2 watts.
> Slow
> but it worked. Don't forget to mark the coil somehow for each
> band so
> you can adjust it quickly, when you change bands.
>
> I do like the MFJ method better, but mine is back at MFJ for
> calibration.
>
> A real sweet setup is the K2, KAT2, PW-1. I took my PW-1 to a
> friend's
> house, he has his K2 KAT2 done. We set every thing up on my mark;
> that
> got use 1.5-2:1. Then just punch the button on the KAT2--BOOMPH
> 1.1:1.
>
> ---
> 72/3 Rod, NØRC -- Fort Collins, CO
>
>
>
>

72/73,

Barry J. Minsky, W2BJ

ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701, Century
Club #569, Platinum #51, Silver #119, FISTS CW Club of Coastal Georgia,
Knightlites, Adventure Radio Society #359,
Six Club #151, QCWA #29298, OOTC #3723, SOC #193

Date: Sat, 01 Apr 2000 23:16:15 -0600
From: Michael Melland <badger@vbe.com>
To: qrp-l@lehigh.edu
Subject: [67045] RE: LDG QRP tuner
Message-ID: <38E6D79F.751FC01E@vbe.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well guys I took the advice of the group that responded last week to my questions on LDG qrp auto tuners. Today I built the LDG tuner I purchased last week nice kit, instruction manual not as easy to follow as SWL etc..... but good.. I only had a chance to try it out briefly before being called out to a student riot... errrrr..... "celebration" as the academics like to call them these days..... but wow !! Does it work well ! I tried it only on automatic so far and it tuned everything I have to under 1.5:1 easily and very quickly.

I'm home from the nights festivities now so maybe I'll get some late night qrp practice in too.

Later.....

73 de Mike

--

Michael Melland, W9WIS
Winneconne, Wisconsin, USA
FISTS #4387, 10-10 #69281, QRP-L #1656,
QRP-ARCI #9875, AK/QRP #478, NorCal,
NJ-QRP #214, SOC #142, Cheeseheads QRP Club
CW, SSB, and Electronics
List Administrator: grundig@qth.net
<http://www.qsl.net/w9wis>

Date: Sat, 1 Apr 2000 22:46:11 -0700
From: "Dick Schneider" <dschneider2@uswest.net>
To: "QRP-L" <qrp-l@Lehigh.edu>
Subject: [67046] qrp-l commands
Message-ID: <001101bf9c66\$c0943980\$2c70e1cf@dnvr.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Where do I find the QRP-L subscribe and unsubscribe commands so I can change my email address?

72 Dick AB0CD..

Date: Sun, 2 Apr 2000 00:55:11 EST
From: GElam30092@aol.com
To: dschneider2@uswest.net, qrp-l@lehigh.edu
Subject: [67047] Re: qrp-l commands
Message-ID: <39.329509d.26183abf@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 4/1/2000 10:52:11 PM US Mountain Standard Time,
dschneider2@uswest.net writes:

<< Where do I find the QRP-L subscribe and unsubscribe commands so I can
change
my email address? >>

<http://www.qrparci.org/qrplacc.htm>

Cheers,
Gerry, K7LR0
PHX AZ

Date: Sat, 01 Apr 2000 14:51:19 -0700
From: Larry East <w1hue@amsat.org>
To: qrp-l@lehigh.edu
Cc: "Doug Hendricks" <ki6ds@hotmail.com>
Subject: [67048] RE: VFO Drift
Message-ID: <3.0.5.32.20000401145119.0099bcc0@mail.ida.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>From a recent post:

>

>Doug, I have some arm length experience with VFO drift. During the
>development of the NorCal 20, Mike Gipe, K1MG, Gary Surrency, AB7MY, Dave
>Meacham, W6EMD, and Dave Fifield, AD6A, spent 5 weeks working several hours
>every day to minimize the drift in the NC20. They succeeded quite well, and
>the secret was finding the right combination of polystyrene and npo caps.
>The Cub is on 6 different bands, and I can't imagine how long it would take
>to really stabilize the vfo on every band. What I imagine will happen is

>that guys will build the various versions, experiment with cap values and
>types, and they will work it out for each band. My guess is that the
>solution will be different for each band.

>

Sure would be nice if someone would come up with a packaged assortment of
N150, N300, N750 ... etc. capacitors for use in stabilizing VF0f's...

72, Larry W1HUE/7

>

Date: Sun, 2 Apr 2000 03:41:10 EDT

From: DYARNES@aol.com

To: qrp-l@lehigh.edu

Subject: [67049] Schurr Portable Wabblers and Einbau

Message-ID: <3f.2d3d9d6.26185396@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

For the CW hardcore out there--here are my impressions on another wonderful
paddle. This one has great potential for Field Day, QRPTTF, and other trips
where you want paddle portability BUT with some quality too.

The Schurr Portable Wabblers is a really fine piece of workmanship. It feels
better to me than my Profi--why I don't honestly know. I tried a Wabblers at
Pacificon, and have been thinking about getting one ever since. The Profi
is, in large part, just a bigger Wabblers.

I tried for a while to get someone to part with a Wabblers, thinking I might
save a few bucks. No dice! Apparently people don't sell their Wabblers.
Finally had to give Marshall Emms at Morse Express some Arizona money. This
little jewel isn't cheap, but at \$250 it's not going to make your breathing
get short like buying a Mercury might do!

The Wabblers is a lot of brass! Then, to give it a nice, neat and very clean
look, they put a great looking plexiglass cover that fits snugly over the
main mechanism. The base is about 2 1/4" by 4 1/2" and the mechanism takes
up most of that space. So, it isn't exactly a "put it in your pocket" sized
paddle. But the best come later about that. The overall height is about 2".
Clearly this is smaller than a Bencher, or the Profi, etc.

The mechanism definitely looks expensive. There is absolutely nothing about
the key that says anything other than "quality". Even the adjustment knobs
have a very classy look, and they are very easy to work. The dot and dash
adjustment knobs each have six holes, like set screw holes, spaced evenly

around them. There aren't any set screws, but there is a small adjustment tool, like a lever, which you can slip into any one of these holes and make very minor adjustments. The tool fits neatly in a hole in the plexiglass pad that separates the mechanism from the base. Very nifty!

So, it adjusts easily, feels great, and looks even better. But I can hear you thinking---that's not really that portable. Well, it really is pretty nice size-wise. You just have to see it. But the base is H E A V Y! It doesn't move much either. In addition to the weight, there are some nice rubber feet on the bottom that are semi-soft and grip pretty well.

But you still don't think it's THAT portable, right? Well, the good news is that the mechanism can be purchased separately (called the "Einbau") for \$150, and you can put on your own base (presumably lighter weight). Without the stock base the mechanism is very portable. Heck, you could screw it down to a piece of wood if you wanted to. I'm thinking about trying a piece of plexiglass or whatever, about 1/2" thick and with a piece of that no-skid shelf liner glued to the bottom, for the Einbau. A tour of a couple of hobby shops is in order.

If you want to see a picture of these beauties, check out the Morse Express website at <http://www.mtechnologies.com/schurr/>. I have no connection to Morse Express, although I do have expectations that Marshall might at least buy me a cup of coffee (if we ever meet) for mentioning his name!

My Wabblers and/or Einbau, and my K2, will definitely be with me on my next trip to the woods!

72 de Dave W7AQK

Date: Sun, 2 Apr 2000 04:57:01 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: Dick Schneider <dschneider2@uswest.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [67050] BiWeekly Reminder -- Re: qrp-l commands
Message-ID: <Pine.OSF.4.21.0004020455100.20108-1000000@saturn3.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 1 Apr 2000, Dick Schneider wrote:

> Where do I find the QRP-L subscribe and unsubscribe commands so I can change

<<http://www.acs.oakland.edu/~prvalko/qrp1c.htm>>

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics.
Visit the Virtual Ten*Tec Museum at:
<<http://www.acs.oakland.edu/~prvalko>>

Date: Sun, 2 Apr 2000 01:47:17 -0800 (PST)
From: Gary Newberry <Gdn1@rocketmail.com>
To: qrp-1@lehigh.edu
Subject: [67051] Accurate RF Probe ?
Message-ID: <20000402094717.495.qmail@web2901.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Does anyone have a schematic/URL etc for a RF probe I can use with my DVM to rather accurately calibrate my QRP wattmeters? I tossed together a simple one last night that used a couple of 1N914/4148 diodes and it's ok for relative measurements but not so good for accuracy. I put a dummy load on a 'T' connector then measured the voltage across the open end but it didn't work out anywhere close wattage wise using the E^2/R formula.

73 Gary K8IQ

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Sun, 02 Apr 2000 20:52:12 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [67052] Can you contribute a QRP project
Message-ID: <38E7265C.8BBB27E6@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

Due to the explosive growth of my site I really am beginning to feel a need for technical authors (to be adequately compensated) to make contributions for:

1. viable electronic projects - qrp looked upon most favourably.
2. electronics tutorials.
3. general science tutorials

This is a genuine request and further details are provided here:

<http://www.integritynet.com.au/~purdic/vacancies.htm>

Thanks for the BW folks

72/73's

Ian Purdie Budgewoi N.S.W. Australia - Co-ords 33o:14' S 151o:34' E
My FREE Newsletter:- <mailto:vk2tip@qsl.net?Subject=Subscribe>
VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 "duh?"
URL - <http://www.integritynet.com.au/~purdic/>

Date: Sun, 2 Apr 2000 08:30:57 -0700
From: "Dave Benson" <nn1g@earthlink.net>
To: <na5n@rt66.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [67053] Re: QRPTTF: 29APRIL, nothing else
Message-ID: <005101bf9cb8\$e53da080\$021f1c3f@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Paul Harden, NA5N <na5n@rt66.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

.....

>QRP AFIELD is what started all of these "to the field" themes by the
>NE QRP Club, and run the past two years by Dave Benson, NN1G. Unless
>ARCI has picked it up to run for 2000. If so, maybe someone from ARCI
>can clarify if they now sponsor this former NEQRP club event.

Thanks, Paul. QRP AFIELD will be the third weekend in September, just as in

the previous two years. Details will be posted later on, but it's still under my wing.

Suffice it to say that after last year's scoring ambiguities, I learned my lesson about keeping the rules simple! The Sunday morning 'bonus session' was very well received and we'll retain that feature this year.

73- Dave Benson, NN1G

Date: Sun, 2 Apr 2000 09:23:27 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [67054] Re: VFO Drift
Message-ID: <002101bf9ca6\$a2fc2140\$010044c0@Conor.baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: Larry East <w1hue@amsat.org>
Subject: RE: VFO Drift

>Sure would be nice if someone would come up with a packaged assortment of
>N150, N300, N750 ... etc. capacitors for use in stabilizing VFO's...

I'm sure someone would if we would just agree to standardize on a VFO. The problem, of course, is that every project starts with different requirements for the VFO, and as a result, a different set of coils and caps to make it stable. If you are willing to build the project around the VFO, there are plenty of pre-stabilized VFO's out there, either as a kit or already built, and judging by the number of them, there must be a lot of folks who go this way.

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sun, 2 Apr 2000 08:29:58 -0500

From: "Cla KA0GKC" <ka0gkc@arrl.net>
To: <Gdn1@rocketmail.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [67055] Re: Accurate RF Probe ?
Message-ID: <010e01bf9ca7\$928abaa0\$0200000a@aplitech>

The ARRL Handbook probe works pretty well. Also the diode you choose will effect the probe measurement due to it's voltage drop. Use a 1N34 or 1N60 germanium diode to minimize this, you can get them at radio shack. I use a 1N914 silicon diode as I have a nasty habit of burning the germanium diodes out.

You also must understand that E^2/R uses RMS voltage, your simple diode probe represents either Peak Voltage or possibly $2 \times \text{Peak}$ voltage if it's a voltage doubler circuit. You can convert Peak Voltage to RMS by multiplying by the $\text{SQR}(2)$ or .707. The ARRL probe uses a 4.7 meg resistor to do this for you and assumes the input impedance of you meter is approx. 10 meg. This is a simple voltage divider. $10 \text{ meg} / (10 \text{ meg} + 4.7 \text{ meg}) = .680$ close to .707.

Also, if you want to make sure you get reasonable accuracy, measure the input impedance of your DVM. It's very easy to do. Get a 1 megohm to 10 megohm resistor. Measure the voltage from your power supply and write it down. Connect the resistor in series between the power supply and your DVM and measure the voltage. It will be lower. Using ohms law you can now solve for the "resistance" of the meter as you know the series resistor value and the two voltages. Once you have the meter value, you can calculate the series resistor that will provide a .707 voltage reading.

Hope this Helps,

73 de Cla KA0GKC

----- Original Message -----

From: "Gary Newberry" <Gdn1@rocketmail.com>

| Does anyone have a schematic/URL etc for a RF probe I can
| use with my DVM to rather accurately calibrate my QRP
| wattmeters? I tossed together a simple one last night that
| used a couple of 1N914/4148 diodes and it's ok for relative
| measurements but not so good for accuracy. I put a dummy
| load on a 'T' connector then measured the voltage across
| the open end but it didn't work out anywhere close wattage
| wise using the E^2/R formula.

Date: Sun, 2 Apr 2000 08:44:27 -0500
From: "Cla KA0GKC" <ka0gkc@arrl.net>
To: <Gdn1@rocketmail.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [67056] Re: Accurate RF Probe ?
Message-ID: <013f01bf9ca9\$96f35a00\$0200000a@aplitech>

| SQR(2) or .707.

Oops! that should have been, $1/2$ the SQR(2) = 0.707.

Sorry, 73 de Cla KA0GKC

Date: Sun, 02 Apr 2000 07:14:08 PDT
From: "Alan Fryer" <n3bj@hotmail.com>
To: qrp-1@lehigh.edu
Cc: forsale-swap@qth.net
Subject: [67057] WTB: Kantronics/AMP Supply CW filter
Message-ID: <20000402141408.86349.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Looking for the CW filter offered as an accessory for the Kantronics HT-*** or AMP Supply TR-*** low power HF monoband xcvrs. Both units were manufactured by Tokyo Hy-Power, so there is a THP version, also. This is a 9.000 MHz filter that may have the marking "9M08C3". Would consider a xcvr in good condition if it included the filter. Please let me know what you have.

Alan, N3BJ

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Sun, 02 Apr 2000 10:08:25 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [67058] Re: Accurate RF Probe ?
Message-ID: <008501bf9cb5\$4c2a08a0\$e2773ed8@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"

Content-transfer-encoding: 7bit

Gary,

I have a homebrew dummy load/power meter that I built that compares very nicely with measurements that I have made with my HP 1742A oscilloscope and a 50 ohm termination, at least down to about 10 mW (haven't compared lower than that). You may be able to adapt my circuit or find some useful information from the following web site:

<http://home.swbell.net/aa5tb/qrpmeter.html>

I am using a built-in uA meter on my circuit and its internal resistance has been accounted for. Since DVM's are very high impedance it should be easy to adapt the circuit for your use. I have all of the equations that I used on my page.

Hope this helps.

73,

Steve Yates - AA5TB

Fort Worth, TX - EM12gs

<http://home.swbell.net/aa5tb>

Date: Sun, 2 Apr 2000 09:11:56 -0700
From: "Dan Trigilio" <danjt@cruzio.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [67059] WTB: Fox Tango Newsletters
Message-ID: <000501bf9cbe\$2c1d4be0\$df82e3a5@n1dtscomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anyone in the group know where I could purchase some or all of the FT newsletters? Are they on CD ? Thanks.

GL es 73, Dan W6DAN
Capitola, CA

Date: Sun, 2 Apr 2000 09:34:14 -0700
From: "Dan Trigilio" <danjt@cruzio.com>

To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [67060] RE: FT Newsletters
Message-ID: <001501bf9cc1\$49414a20\$df82e3a5@n1dtscomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks all. Found them. My order is going in today.

GL es 73, Dan W6DAN
Capitola, CA

Date: Sun, 2 Apr 2000 09:47:15 -0700
From: "Dan Trigilio" <danjt@cruzio.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [67061] RE: FT Newsletters.
Message-ID: <002101bf9cc3\$1a6efba0\$df82e3a5@n1dtscomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

They can be found at: www.qth.com/inrad/
The whole set is \$65.00.
GL es 73, Dan W6DAN
Capitola, CA

Date: Sun, 2 Apr 2000 12:57:19 -0400
From: "Alex" <aturner13@mindspring.com>
To: <qrp-l@lehigh.edu>
Subject: [67062] Contest Logs
Message-ID: <000c01bf9cc4\$82b6bbbc0\$b4918ad1@ws2>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

If I participate in a contest just to make contacts without submitting my logs are my contacts subtracted from the other person's or is the verification not that close.

thanks
Alex, N4BYJ

Date: Sun, 02 Apr 2000 12:56:32 EDT
From: n5ib@juno.com
To: qrp-1@Lehigh.edu
Subject: [67063] OPERATING: USS Kidd
Message-ID: <20000302.115608.4615.2.N5IB@juno.com>

Gang,

It's 1700 Z. The USS Kidd is on the air now at 14034 kHz with Frank, W8OK, from Dayton OH as guest op. Frank is a Hall of Fame DXer. How about a good showing of QRP'ers calling him...

No certificate for today, but a mighty fine picture QSL for a SASE

72
Jim N5IB

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Sun, 2 Apr 2000 12:31:19 -0500
From: "Sam Stimson" <n5wu@worldnet.att.net>
To: "Paul Harden, NA5N" <na5n@rt66.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [67064] Re: Zombie Shuffle
Message-ID: <005f01bf9cc9\$42f25300\$c8074a0c@211172425>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks. I have worked on my TAXES all morning and I really need a bit of GOOD news. This is great news. Now I don't feel quite so bad about the total demise of my checking account...

Sam

N5WU

----- Original Message -----

From: Paul Harden, NA5N <na5n@rt66.com>

To: Sam Stimson <n5wu@worldnet.att.net>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Saturday, April 01, 2000 4:59 PM

Subject: Re: Zombie Shuffle

>
> On Fri, 31 Mar 2000, Sam Stimson wrote:
> > Anyone hear anymore about the Zombie Shuffle Pins and Certificates? Just
> > interested....
> >
> > Sam
> > N5WU
>
> All of the Zombie Shuffle Certificates and Zombie Lapel Pins were mailed
> out today, saturday, April 1st (no fooling) about 11:17 am from the
> Socorro, New Mexico postoffice. Try to explain to the postal clerk what
> 96 envelopes marked "ZOMBIE" is all about!!!
>
> We had ordered some padded envelopes, that turned out just to be too
> difficult to use. The certificates were printed on heavy parchment cover
> stock, and folding into "thirds" we found to be too destructive to the
> certificates. So we ordered larger padded envelopes requiring us to only
> make a single fold, which came in a few days ago.
>
> Plus, (the "what were we thinking department"), all certificates were
> designed to be filled in by hand with the calls, Zombie Number, cause of
> death, special gold-foil seals for the Grand Zombie Stations, the Elvis
> Stations, etc. The time to do all that handwork on nearly 100
> certificates was enormous. I did all the calligraphy (term loosely
> applied) and Jan N0QT did all the envelope stuffing, addressing, etc.
> Took hours, but we enjoyed it. We enjoyed everyone's "cause of death"
> and knowing between the certificate and the pins, you will be getting
> something truly personalized and different, and worth hanging up on the
> shack wall.
>
> 72, Paul NA5N
> Grand Zombie #004
>
>

Date: Sun, 2 Apr 2000 17:44:13 +0000
From: nilsbull@juno.com
To: QRP-L@lehigh.edu
Subject: [67065] The Eyeball QSO antenna tuner & other improvements
Message-ID: <20000402.174613.-183163.0.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Fellow lunatics,

The "eyeball QSO antenna tuner kit" (the LDG Z-11 auto ATU) arrived yesterday. I somehow managed to get the box out of the door & into the house without Cindy noticing that I'd ordered something else. Then we went out to get me a nice new shirt to go with the suit I had planned to wear later that evening, which is another story. On the way, and since Cindy shops 'till she drops, the younger son & I went over to Rogers before going to the mall.

I got a bunch of HV mica caps what match the ones in the kit. Sometimes I just have to modify stuff before I even begin to build it. Then we got the shirt & ate lunch at the mall. (Andy is 12 going on 6, so he's gotten really weird about going to places & placing orders on his own. I had to shadow him through the food court.) Then Cindy went back to shopping & Andy and I took off for the house. We stopped at Rogers on the way to get some other caps that I'd forgotten to get for the remote controller box thingie.

This LDG tuner is a lot different from the original QRP ATU that I got on a group buy some time back. This one's got a separate board for the LEDs & the tuning & fiddling buttons, which changes my plans a little. The same good ol' fashioned board quality as before, but better instructions -- and pictures in living laser color too (!) -- & I think a little bigger board. I don't remember too good. I think John Wayne was in it.

So I've got the coils wound & some of the parts put on the board. I'm gonna take my time on this 'n 'cause I don't feel like getting rushed. But I am gonna order a plastic box to put it in. Once I get it runnin' and have all the remote stuff figured out, I'm gonna humiseal the board & put it in a box with sealed fittings & edges. Then I'll dare the weather to get into it. (Yeah, I know, don't push Mom Nature. But I'm takin' this to the beach, see? And I want it to be out there at the bottom of the pole with the radio & me in the house or on the porch thingie. So I need to get a little serious about the edge gluing stuff &c.)

So the plot persists in thickening, as Farinha said once (and never got a chance to say again).

Nils

. . . why the "eyeball QSO" thingie? Well, this is the ATU that I ordered after spending three days blinking across a piece of metal what I put in my cornea while trying to build my own remote ATU. The eyeball, see? And the suit & shirt? Well, that's 'cause Cindy finagled me into going to a university arts event. Music, stage show, art exhibits, museum stuff and the music department offices turned into a cash bar. It was fun, even if I did have to get a new shirt.

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes Sonrientes

<http://www6.50megs.com/w8ijn> -- W8IJN -- <http://members.xoom.com/nilsbull>
 "In MY day we had to FIGHT to have signatures! Every DAY was a STRUGGLE!"
 -- Comrade Nikolai Sergeievich

McTovarishov, 19 Oct 1917

 YOU'RE PAYING TOO MUCH FOR THE INTERNET!

Juno now offers FREE Internet Access!

Try it today - there's no risk! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Sun, 02 Apr 2000 13:04:49 -0500

From: Marty <N5NW@midsouth.rr.com>

To: qrp-l@lehigh.edu

Subject: [67066] Re: QRPTTF: 29APRIL, nothing else

Message-ID: <8n2fes8qu17t5012orkirp5a2rb9lg2cl@4ax.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: quoted-printable

On Sat, 1 Apr 2000 15:33:57 -0700 (MST), "Paul Harden, NA5N" =

<na5n@rt66.com>

wrote:

>It is SATURDAY, APRIL 29TH, 2000 as first announced on QRP-L many months
 >ago, and the official rules posted a couple of weeks ago.

Sorry I'll have to skip this year, as that is the Eastern Orthodox Church= Holy

Saturday, and our Easter services begin at 11:00pm local that day. (The Eastern Orthodox faith calculates easter slightly differently than the Western/Roman Catholic churches).

Hopefully, all will have fun! Did the results from last year ever get distributed? I never saw them.

--

Marty, N5NW

-----=

Lakeland (Memphis), Tennessee =
<http://marty.w.tripod.com/>
N5NW@midsouth.rr.com

Date: Sun, 2 Apr 2000 12:49:12 -0600
From: jaywa5whn@juno.com
To: qrp-1@lehigh.edu
Subject: [67067] July 28, 29 & 30 @ Ft. Tuthill
Message-ID: <20000402.124916.-271107.0.jaywa5whn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Disclaimer: I have nothing to do with ARCA or the AZ scQRPions plans for Ft. Tuthill {3 miles south of Flagstaff, AZ}. I am just a happy participant.

However, for those of you who are planning on staying at a motel/hotel, in Flagstaff, during the Hamfest, it is advisable to obtain motel/hotel reservations at this time. Remember, in July, it's 115+ degrees F in Phoenix. Most of southern AZ migrates north to escape the heat.

Last year's fun was captured in WA6OWR's report

<http://www.fix.net/~jparker/norcal/fttuthill/tuthill.htm>

Check NK7M's url periodically for Ft. Tuthill QRP updates

<http://www.extremezone.com/~nk7m/>

Over 6,000 last year in attendance.

<http://www.hamsrus.com/tuthill.html>

hasta la vista...Jay, WA5WHN DM65pp Ponderosa, NM USA

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Sun, 02 Apr 2000 11:56:27 -0700
From: "Mark M." <markem@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [67068] Re: The Eyeball QSO antenna tuner & other improvements
Message-ID: <3.0.6.32.20000402115627.007c0100@127.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hmmm...wouldn't an "Eyeball QSO antenna tuner" be a pair of eye-glasses????

I know...April Fools Day was yesterday....

73.... Mark

Date: Sun, 02 Apr 2000 15:12:45 EDT
From: n5ib@juno.com
To: qrp-1@Lehigh.edu
Subject: [67069] OPERATING: USS Kidd museum ship
Message-ID: <20000302.141226.4615.4.N5IB@juno.com>

its 1910 Z

W80K is back on and operating W5KID aboard the USS Kidd at 14030.2

72
Jim N5IB

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Sun, 02 Apr 2000 12:14:11 -0700
From: Roger Hightower <n7kt@worldnet.att.net>
To: ELECRAFT <elecrafft@qth.net>, QRP-L <qrp-l@lehigh.edu>
Subject: [67070] Keycaps & LED's
Message-ID: <38E79C03.4B68D7DE@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The last of the envelopes I received have been stuffed and will be mailed tomorrow. If you want the set, send me (1) an e-mail, and (2) an SASE. I've padded each set with bubble wrap, but the USPS still managed to crush one, so a padded envelope would be best, with \$.44 postage.

Had to order some components from DigiKey and Mouser, so I tacked on another 20 sets of keycaps and LED's. That should take care of it.

If you don't have the board from Tom Hammond, Jerry's circuit can be built on a small piece of perfboard and works just fine. I can see this gizmo being useful in almost any rig, and it's small enough to fit inside nearly any case except a 49'er in an Altoids tin. Neat stuff.

E-mails to n7kt@worldnet.att.net

SASE's to:

Roger Hightower
1265 W. Kiowa Circle
Mesa, AZ 85202

--

72.....Roger

Roger Hightower, N7KT Mesa, AZ K2#591 SOC #14

Date: Sun, 2 Apr 2000 13:20:27 +0100
From: n4so@juno.com
To: qrp-l@Lehigh.edu
Subject: [67071] CQ Magazine errors/corrections
Message-ID: <20000402.132213.4646.5.N4SO@juno.com>

Corrections and comments for CQ Magazine
go via the Editor-

cq@cq-amateur-radio.com

The QRP author does not have a listed E-mail address.

Ken Brown N4SO
Mobile, Alabama
NorCal-20 at 5 watts/4el beam

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Sun, 2 Apr 2000 08:37:48 EDT
From: Rick McKee <kc8aon@juno.com>
To: n4qa@HOTMAIL.COM, qrp-1@Lehigh.EDU
Subject: [67072] Re: HW-9 vs DSW-40
Message-ID: <20000402.141943.4391.0.kc8aon@juno.com>

Although I'm not familiar with the DSW-40, I would choose the HW-9 because of the multiband feature (I gather that the DSW-40 is 40 meters only ? and if not I would have to compare the 2) I like having more than 1 band to choose from, I presently own an HW-8 and like it very well, so my vote goes to the multiband rig.

73...Rick McKee KC8AON { CW lives as long as I do ! }
Willow Wood, Ohio "oo's"
AR QRP # 269 QRP-L # 2112 ZOMBIE # 718 FPqrp # 33
TriState BrassPounders # 1

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagh>.

Date: Sun, 2 Apr 2000 14:44:04 -0500
From: George F Franklin <w0av@juno.com>
To: qrp-1@lehigh.edu
Subject: [67073] Ref: Weird PSK Problems
Message-ID: <20000402.144405.-4017435.0.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Tom, WA8RPK

I had similar troubles and am still fighting them.

I have found that rebooting the computer (sometimes 2 or 3 times) and all at once everything (DigiPan, TrueTTY, etc.) run fine.

Interestingly, LOGGER runs perfectly even when none of the other PSK programs will!

You might try downloading LOGGER, to see if it will work for you.

I get a message "MMSYSTEM MEMORY ALLOCATION ERROR" when the programs listed above will not run. After rebooting (maybe several times) I don't get that message anymore.

72/73/74 de George/W0AV

YOU'RE PAYING TOO MUCH FOR THE INTERNET!

Juno now offers FREE Internet Access!

Try it today - there's no risk! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Sun, 02 Apr 2000 12:50:34 -0700
From: stan@cruzio.com
To: W1AOK@worldnet.att.net
Cc: qrp-1@Lehigh.EDU
Subject: [67074] Re: Help with Norcal 40A
Message-ID: <38E7A48A.BF203CF3@cruzio.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Denis,

I didn't see any replies to you so I'll offer my 2 cents.

>From your description, it could be a "noisy " transistor or IC.

The way I find these is by spraying a cooling type of spray (these are sold at electronics stores and maybe even radio shack).

I'd just spray the whole board down and see if it goes away.
It just takes a quick spritz on the culprit to make it stop 'till it
warms up again.

If that works, then I'd divide the board into sections and spray one at
a time till I found the right area. Then down to component level.

Usually these are bad trans or IC's , rarely but occasionally they can
be bad caps
or other passive devices.

Sometimes a hot soldering iron helps to pinpoint the problem as that is
easier to administer heat by placing the iron NEAR a suspected bad
component .

G/1 ,

Stan , N6XU

> The receiver has become extremely noisy. Noise, sounding exactly
> like summer atmospheric noise, complete with occasional crashes,
> builds up slowly over a couple of minutes and buries the desired
> signals such that the receiver becomes unusable within a couple
> of minutes of operation. Here's the catch... momentarily turning
> of the power restores the receiver to it's normal, wonderfully
> quiet operation. The noise then immediately starts building
> again rendering the receiver useless in another minute or so.
> The rig is well grounded and I've tried battery power to no
> avail.

Date: Sun, 2 Apr 2000 14:52:03 -0500
From: George F Franklin <w0av@juno.com>
To: qrp-l@lehigh.edu
Subject: [67075] Ref: Message to WA8RPK, Weird PSK Problems
Message-ID: <20000402.145203.-4017435.1.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Gentlemen:

Please excuse my previous message to WA8RPK, as it was not supposed to go
to this group.

On the other hand, PSK is a wonderful mode for QRP.

I would appreciate any comments on my PSK dilemma.

72/73/74 de George/W0AV
SOC#101

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Sun, 2 Apr 2000 16:34:26 EDT
From: BenNW7DX@aol.com
To: qrp-l@lehigh.edu
Subject: [67076] Need address for the 20ft Fishing Poles
Message-ID: <7b.2a50557.261908d2@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hello-

Sorry for the bandwidth, but I am having trouble locating the source for the 20ft poles. I know that there are a couple out there, but I am looking for the Main one, that sells poles to other stores. If I remember correctly, It has the word "National" in it, but I can't remember.

Thanks for your help,
Ben - NW7DX

Date: Sun, 02 Apr 2000 14:55:06 -0600
From: Larry East <w1hue@amsat.org>
To: qrp-l@lehigh.edu
Subject: [67077] Temperature Compensating the MFJ Cub
Message-ID: <3.0.5.32.20000402145506.009bb630@mail.ida.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

For some information on this subject, go to <http://qrpcub.listbot.com/> and select "View Archives", then open message #100. (The information will also eventually be posted on the ARCI Web site.)

72, Larry W1HUE/7

Date: Sun, 2 Apr 2000 15:53:55 -0600 (MDT)
From: af852@rgfn.epcc.edu (William R Colbert)
To: glowbugs@piobaire.mines.uidaho.edu, qrp-l@lehigh.edu
Subject: [67078] looking for HE-73
Message-ID: <200004022153.PAA01217@rgfn.epcc.edu>

Looking for a Lafayette HE73 PreCon (used to have one and mistakenly let it go) to use with my glowbug stuff, to extend the range of my bc-342n and BC348 receivers up to 15 and 10 meters. Please post to me and not the lists if someone has one to let go. Thanks
Ray

--
"The more I see of the representatives of the people, the more I admire my dogs." letter from Count d'Orsay to John Foster 1850
Ray Colbert, W5XE, OOTC#3618, SOWP#1064M NARTE-NCT2 SOC#78
El Paso, (FAR WEST) TEXAS

Date: Sun, 2 Apr 2000 16:53:43 -0400 (EDT)
From: scott howell <n3byy@speakeasy.org>
To: qrp-l@lehigh.edu
Subject: [67079] sf:Sierra and Omni-V
Message-ID: <Pine.LNX.4.20.0004021648280.241-1000000@n3byy.yi.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Sierra with 80, 40, 30, and 20 modules, manuals, RS 2.5 Amp power supply, cable bnc to 259, and Paddlette paddle; asking \$350 shipped.

Omni-V first if contains 500 w/1.8 extra, 2nd if contains 1.8, 500, and 250 filters. Manual, matching 961 power supply/speaker, extra power cable. Asking \$1275 shipped insured.

Solar pannel sold.

tnx es 72/73 de Scott/n3byy

Date: Sun, 02 Apr 2000 15:02:31 -0700
From: Patrick Armstrong <aa7fg@gte.net>
To: qrp-1@Lehigh.EDU
Subject: [67080] FS: Original NorCal 38s unbuilt
Message-ID: <38E7C377.62D9171C@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have a NorCal 38s 30 meter QRP XCVR in the original sealed bags with manual in kit form... \$50.00 or possible trades?

Pat, AA7FG - Oregon

Date: Sun, 2 Apr 2000 18:13:30 -0400
From: hamjoel@juno.com
To: qrp-1@lehigh.edu, eleccraft@qth.net
Subject: [67081] NEED ANTENNA GOO REAUX HELP
Message-ID: <20000402.181334.-435259.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

mAY high y'all once meaux
got a serious ant question... maybe some body caan put it on the computer
and see the results....

THIS IS WHAT I WANNA DO..
ANT ELEMENTS 3

ELEMENTS LENGTH
For 20 meters

REF: 35ft
spacing 14ft
DRIVEN: 33FT
spacing 11ft
DIR: 31ft

The forty meter elements are double the 20mtr elements

what I want to do is make two of these 20 meter antennas and point both in the same direction... I have done this before with my wire rope with the antennas pointed in opposite directions and it works... howeverwhat I want to do this time is feed both driven elements with the SAME TWIN LEAD....at what would be the center of the forty meter driven element...

IN OTHER WORDS... i WANT TO USE MY FORTY METER DRIVEN ELEMENT (which is

feed at the center with twin lead..) as the driven element for two 20
mtr yagis...
and also use it as the driven element for the forty mete yagi....

```

          *-----+
40 mtrs
20mtrs  -----
*-----
-----+ 40mtrs/ 20mtrs
20mtrs_-----

+-----
-----+40mtrs

----- equals forty meter yagi
----- equals twenty meter yagi...
```

Joel KE1LA
In Maine

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Sun, 2 Apr 2000 16:51:47 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-l@lehigh.edu
Subject: [67082] Traveler's Guide to ARKIECON
Message-ID: <Pine.SUN.4.10.10004021624250.18474-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,
Time sure flies. Barely dawned on me today that by the end of next week,

I will be in Ft. Smith, AR for ArkieCon (no relation to ARCI, even though pronounced the same). This event is sponsored by ring leader Jay Bromley, W5JAY and the Ft. Smith QRP Group. I believe it's a non-denominational, non-partisan group :-). Just good ole' QRPers who want to have fun.

FOR THOSE TRAVELING to ArkieCon, here's a few traveler's tidbits I have:

GPS Coordinates for the hamfest:

35deg 17m 21s N 94deg 23m 07s W (from their flyer)

For me in Socorro, NM, my GPS shows that to be a mere 723 miles! Virtually a straight shot east from Albuquerque to Ft. Smith on I-40. Leaving here on thursday and will hopefully arrive mid afternoon friday. Hope the gas around Amarillo, TX and Oklahoma City is not much more than the \$1.50 a gallon around these parts :-)

For those coming into Ft. Smith from the west, I hear it is faster and shorter to take the Rowland/Ft. Smith exit into downtown.

The Ft. Smith Repeater is 146.64-

Jay said he or others will be monitoring the repeater friday afternoon and evening for those needing a little travel assistance.

Most of us coming in for the event (Doug Hendricks, Dave Gauding, etc.) are staying at the Guest House Inn, not far from the hamfest grounds. We'll all be going to some steak house not far away for a no-host dinner. These are always fun, so if you can make it there around dinner time friday, plan on joining us for dinner and some informal fun.

I'll be giving my talk at 10am. According to Jay, who conducted a small survey of locals (which I think means he bought them a beer), they preferred my talk on solar activity and propagation, so that's what I'll be doing at 10am, complete with cute overhead pictures and a video tape of some solar images from SOHO at x-ray wavelengths.

Unfortunately our friend Chuck Adams needs some R and R following his medical procedures, so will not be there. We'll miss you Chuck. Hopefully we can come up with some really unique get well card to send from Ft. Smith. Like maybe if we can write real small, maybe we can get all in attendance to sign our names on some surface mount 1206 caps or something :-)

For those who want to learn some basic electronics, I will bring along some handouts from my PacifiCon talk on the Desert Ratt regen. This is using the circuit of the regen to learn how some of the basic circuit blocks work. If enough interest (a dozen guys or so), I'll be glad to give this talk, either in the afternoon or early evening as Jay feels best.

Sounds like Jay has arranged for plenty of vendors to be there, from Data Books to the new MFJ Cub. Plus, many vendors have sent along samples of their products so you can see them in person. This is great.

So if you live within a few hours drive of Ft. Smith, I really encourage you to make it to the hamfest and all the QRP activities. Meet all the guys you work on the air or hear about. See if we're really as ugly as you pictured! But most important, there is no substitute for the fellowship you'll experience with fellow QRPers and the things you will learn from the host of presenters. It's always fun and rewarding to meet everyone in attendance, and see the things they have built and what others have done in the hobby.

Jay and the Ft. Smith QRPers have done a great job putting this thing together. Looking forward to see you all in Ft. Smith.

72, Paul NA5N
Just 723 miles and 5 days away

Date: Sun, 02 Apr 2000 15:55:16 -0700
From: Patrick Armstrong <aa7fg@gte.net>
To: qrp-l@Lehigh.EDU
Subject: [67083] Help with NC40 part?
Message-ID: <38E7CFD4.3DE24D60@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have been struggling to install a Wilderness Radio KC1 option in my NorCal NC40 XCVR and ran into some issues... The biggest one involved a defective HB dummy load and that magic smoke one sees when an output device is unhappy! Unfortunately, my 50 ohm load shorted out and destroyed the MRF607 final... HELP... Can anyone help me determine a parts resource or perhaps have an extra MRF607, 2SC799 or MRF237 I could purchase from you? I tried RS with no luck... Appreciate the read and perhaps help, thanks...

Pat Armstrong - AA7FG, Oregon

End of QRP-L Digest 1779
